IN THE CLAIMS

1. (Currently Amended) A method, comprising:

~~receiving~~ selecting a first network design from among a plurality of network

designs for a network having two or more network components based upon

a design rule;

configuring network settings, including IP address, links, and ports, for a first

server ~~one or more servers~~ in the network ~~into a digital image~~, the

configuration of the network settings based upon the design rule and the

first network design ~~of the network~~;

building ~~the~~ a digital image with the network settings for ~~at least~~ the first server

~~one of the servers in the network~~; and

deploying the digital image onto the first server ~~at least one of the servers~~

~~in the network~~.

2. (Original) The method of claim 1, wherein the network comprises a server farm.

3. - 6. (Canceled)

7. (Original) The method of claim 1, wherein the digital image is dynamically built.

8. (Currently Amended) The method of claim 7, further comprising:

deploying the dynamically built digital image over a network connection in

response to a netboot request from ~~a~~ the first server.

9. (Currently Amended) The method of claim 1, further comprising:

rebuilding the digital image for the first ~~at least one~~ server in the

network; and

redeploying the digital image for the first ~~at least one~~ server.

10. – 19. (Canceled)

20. (Currently Amended) An apparatus, comprising:

means for selecting~~receiving~~ a first network design ~~of a network~~from a plurality

of network designs for a network having two or more network

components based upon a design rule;

means for configuring network settings, including IP addresses, links and ports,

for a first server ~~one or more servers~~ in the network ~~into a digital~~

~~image~~, the configuration of the network settings based upon the design rule

and the first network design ~~of the network~~;

means for building ~~the~~ a digital image with the network settings for ~~at least of~~

~~one of~~ the first server ~~servers in the network~~; and

means for deploying the digital image onto ~~at least one of~~ the first server~~servers~~

~~in the network~~.

21. (Canceled)

22. (Currently Amended) The apparatus of claim 20, further comprising:

means for generating the network design.

23. – 24. (Canceled)

25. (Currently Amended) An apparatus comprising:

design rule logic having design instructions;

network topology logic having a function to generate a plurality of network

designs for a network having two or more network components according to

design list requirements and the design instructions~~receive a design of a~~

~~network~~;

graphic user interface having a function to select a first network design from the

plurality of network designs;

configuration logic to configure network settings, including IP addresses, links

and ports, for a first server ~~one or more servers~~ in the network ~~into~~

~~a digital image~~, the configuration of the network settings based upon the

design instructions and the first network design ~~of the network~~;

digital image building logic to build ~~the~~ a digital image with the network

settings for ~~at least one of~~ the first server ~~servers in the network~~; and

deployment logic to deploy the digital image onto ~~at least one of~~ the first

server~~servers in the network~~.

26. - 27. (Canceled)

28. (Currently Amended) The apparatus of claim 25, wherein the ~~further comprising:~~

~~a~~ graphic user interface having a further function to generate the network

topology for the network.

29. (Previously Presented) The apparatus of claim 25, further comprising:

a database to store one or more digital images of a server, one or more network topologies, and network configurations.

30. (New) The method of claim 1, wherein configuring network settings comprising sending a request to a Domain Name System server.

31. (New) The apparatus of claim 20, wherein the design rule instructing how a component in a network can or cannot be employed in the network.

32. (New) The apparatus of claim 20, wherein the configuring means including a Domain Name System server.

33. (New) The apparatus of claim 25, wherein the design rule logic having further instructions to determine how a component in the network can or cannot be employed in the network.

34. (New) The apparatus of claim 25, wherein the configuration logic further comprising a Domain Name System server.

35. (New) The apparatus of claim 25, wherein the configuration logic installing network translation software on a network component of the network.

36. (New) The apparatus of claim 25, wherein the design list requirements including

functions, hardware amount, hardware type, and the number of WAN IP

addresses.